

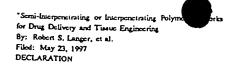
As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEMI-INTERPENETRATING OR INTERPENETRATING POLYMER NETWORKS FOR DRUG DELIVERY AND TISSUE ENGINEERING the specification of which (check one) \_\_\_\_ is attached hereto X was filed on <u>May 23, 1997</u> as application Serial No. <u>08/862,</u>740 and was amended on: \_ (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. ΠIJ Prior Foreign Application(s) Priority <u>Claimed</u> (Number) (Country) (Day/Month/Year Filed) 00 (Country). (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below: rovisional Application Number Filing Date XPRESS MAIL LABEL NO. EM290166797US April 11, 1997 Yumber)----(Day/Month/Year Filed) Number) (Day/Month/Year Filed) (umber) (Day/Month/Year Filed)

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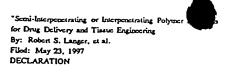
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)  (Filing Date)  Status (patented, pending, abandoned)  As named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and trapsact all business in the Patent and Trademark Office connected therewith.  Patrea L. Pabst 31,284 D. Andrew Floam 34,597 David S. Bradin 37,783 Lid Collen A. Beard 38,824 Robert A. Hodges P-41,074  Patrea L. Pabst, Esq. ARNALL GOLDEN & GREGORY LLP 2800 One Atlantic Center 1201 W. Peachtree Street Atlanta, GA 30309-3450  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on formation and belief are believed to be true; and further that these statements were made with the knowledge that it of the United States Code and that such willful false statements may jeopardize the validity of the application or any tent is used thereon.  Robert S. Langer ventor's signature  77 Lombard Street, Newton, Massachusetts 02158 United States	(Application Serial No.)  (Filing Date)  Status (patented, pending, abandoned)  As named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application of transact all business in the Patent and Trademark Office connected therewith.  Patrea L. Pabst J1,284 D. Andrew Floam J4,597 David S. Bradin J7,783 Collen A. Beard J8,824 Robert A. Hodges P-41,074  Collen A. Beard J8,824 Robert A. Hodges P-41,074  III Patrea L. Pabst, Esq. ARNALL GOLDEN & GREGORY LLP 2800 One Atlantic Center J201 W. Peachtree Street Atlanta, GA 30309-3450  I hereby declare that all statements made herein of my own knowledge are true and that all statements m formation and belief are believed to be true; and further that these statements were made with the knowledge it of the United States Code and that such willful false statements may jeopardize the validity of the application of tent issued thereon.  Ill name of sole or first inventor Robert S. Langer Ventor's signature  T Lombard Street, Newton, Massachusetts 02158  Litzenship United States	(Application Serial No.)	(Filing Date)		Status	
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ventor's signature	ventor's signature	ıll name of sole or first inve	ntor Robert S. Langer			
sidence 77 Lombard Street, Newton, Massachusetts 02158 tizenship United States	sidence 77 Lombard Street, Newton, Massachusetts 02158 tizenship United States				7/11/02	
tizenship <u>United States</u>	tizenship <u>United States</u>	sidence	d Street, Newton, Massachuse		Date () T   T   T	
	Same as above					

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"Semi-laterponetrating or interpronetrating Polymer remobris for Drug Delivery and Tissue Engineering By: Robert S. Langer, et al. Filed: May 23, 1997 DECLARATION

Full name of second inventor	
Inventor's signature my Shire off	Date_ 7/14/97
Residence 59 Myrtle Street, No. 6, Boston, Massachusetts 02114	Date
Citizenship United States	
Post Office Address Same as above	



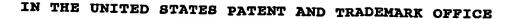
Full name of third inventor Kristi Anseth	
Inventor's signature MSH Apgrith	Date 7/2//97
Residence 7464 Singing Hills Drive, Boulder, Colorado 80301	Date_1/21/1/
Citizenship United States	
Post Office Address Same as above	



"Nemi-Interpenetrating or Interpenetrating Polymer Networks for Drug Delivery and Tissue Engineering By: Robert S. Langer, et al. Filed: May 23, 1997 DECLARATION

Full name of fourth inventor <u>Derek Sims</u>	
Inventor's signature	919197
Residence 224 Kennedy Drive, Malden, Massachusetts 02148	Date
CitizenshipUnited States	
Post Office Address Same as above	

445357.1





Application of: Robert S. Langer et al.

Serial No.: 08/862,740

Group Art Unit: 1502

Filed: May 23, 1997

Examiner: R. Richard

For: SEMI-INTERPENETRATING OR

Attorney Docket No.: 6261-175

INTERPENETRATING POLYMER NETWORKS FOR DRUG DELIVERY AND TISSUE ENGINEERING

# REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

University Technology Corporation, organized and existing under the laws of the State of Colorado, having its principal place of business at 3101 Iris Avenue, Boulder, Colorado 80301, an owner of an entire right, title and interest in, to and under the invention described and claimed in the above-identified application by virtue of an Assignment filed on September 23, 1997, Reel number and Frame number not yet assigned, hereby revokes all previous powers of attorney and appoints S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian

M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg, No. 31956), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31,636), and Thomas G. Rowan (Reg. No. 34419) whose address is Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, N.Y. 10036, and each of them, its attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence to:

Pennie & Edmonds LLP 1155 Avenue of the Americas New York, New York 10036 (212) 790-9090.

UNIVERSITY TECHNOLOGY CORPORATION

Dated: Jeb. 9, 1998 By: Muchan & Gabridge

Title: Michael G. Gabridge
President

UNIVERSITY TECH. CORP.

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application of: Robert S. Langer et al.

Serial No.: 08/862,740 Group Art Unit: 1502

Filed: May 23, 1997 Examiner: R. Richard

For: SEMI-INTERPENETRATING OR Attorney Docket No.: 6261-175

INTERPENETRATING POLYMER NETWORKS FOR DRUG DELIVERY AND TISSUE ENGINEERING

#### REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

sir:

The General Hospital Corporation, organized and existing under the laws of the State of Massachusetts, having its principal place of business at 55 Fruit Street, Boston, Massachusetts 02114, an owner of an entire right, title and interest in, to and under the invention described and claimed in the above-identified application by virtue of an Assignment filed on Setember 23, 1997, Reel number and Frame number not yet assigned, hereby revokes all previous powers of attorney and appoints S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Req. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian

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Please direct all correspondence to:

Pennie & Edmonds LLP 1155 Avenue of the Americas New York, New York 10036 (212) 790-9090.

THE GENERAL HOSPITAL CORPORATION

Dated: Feb. 9, 1998

By:

DAVID J. GLASS, Ph.D.
ASSOCIATE DIRECTOR FOR PATENTS
OFFICE OF TECHNOLOGY AFFAIRS

Title:

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Robert S. Langer et al.

Serial No.: 08/862,740 Group Art Unit: 1502

Filed: May 23, 1997 Examiner: R. Richard

For: SEMI-INTERPENETRATING OR Attorney Docket No.: 6261-175

INTERPENETRATING POLYMER NETWORKS FOR DRUG DELIVERY AND TISSUE ENGINEERING

# REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

sir:

Massachusetts Institute of Technology, organized and existing under the laws of the State of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, an owner of an entire right, title and interest in, to and under the invention described and claimed in the above-identified application by virtue of an Assignment filed September 23, 1997, Reel number and Frame number not yet assigned, hereby revokes all previous powers of attorney and appoints S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814),

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Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg, No. 31956), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31,636), and Thomas G. Rowan (Reg. No. 34419) whose address is Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, N.Y. 10036, and each of them, its attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Pennie & Edmonds LLP 1155 Avenue of the Americas New York, New York 10036 (212) 790-9090.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Dated: Tehruary 4/998

By:

JARMILA Z. HRBEK

Title: \_\_\_\_\_PATENT ADMINISTRATOR

AND OFFICE MANAGER